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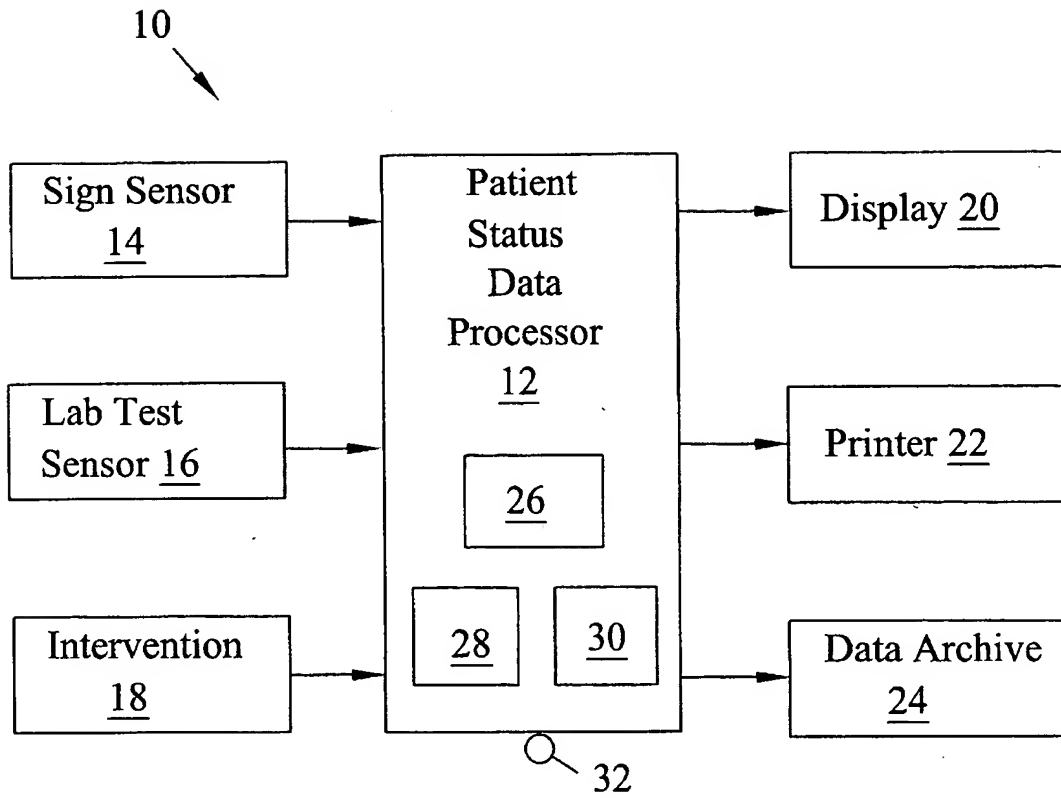


FIG.1

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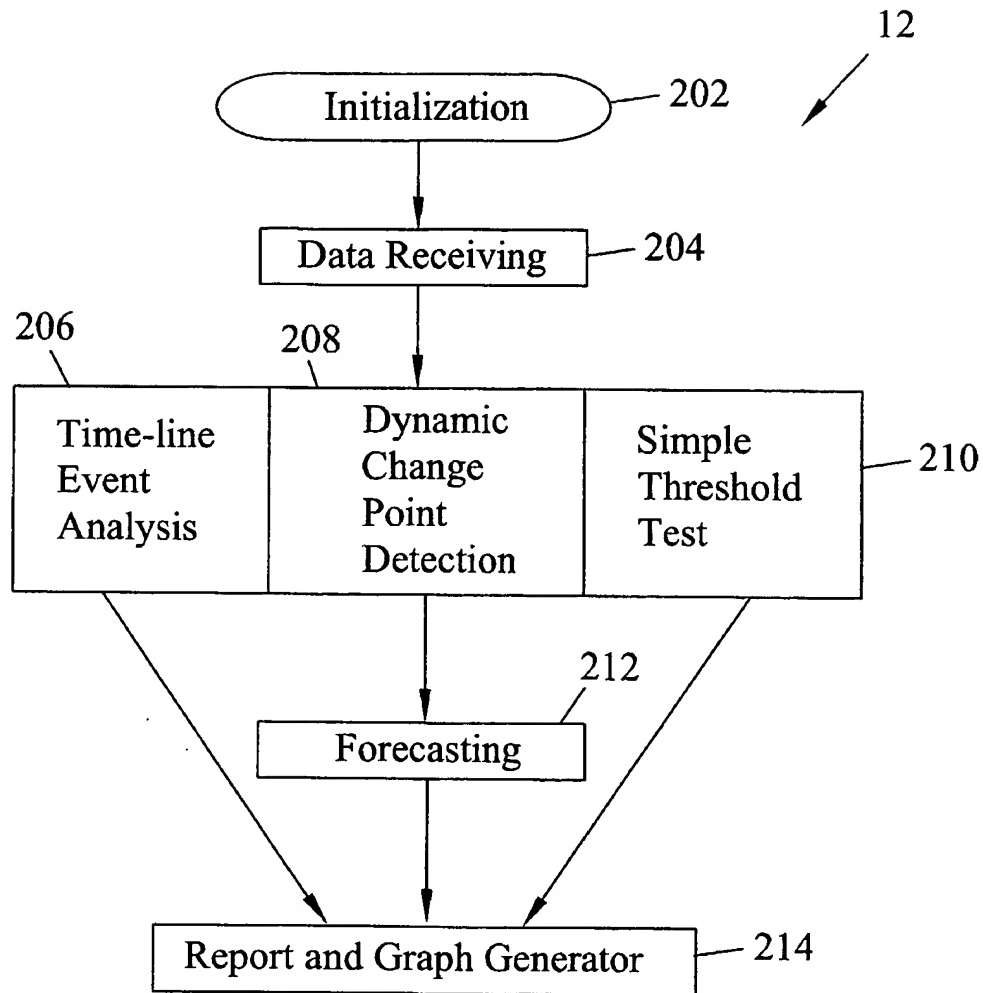


FIG. 2

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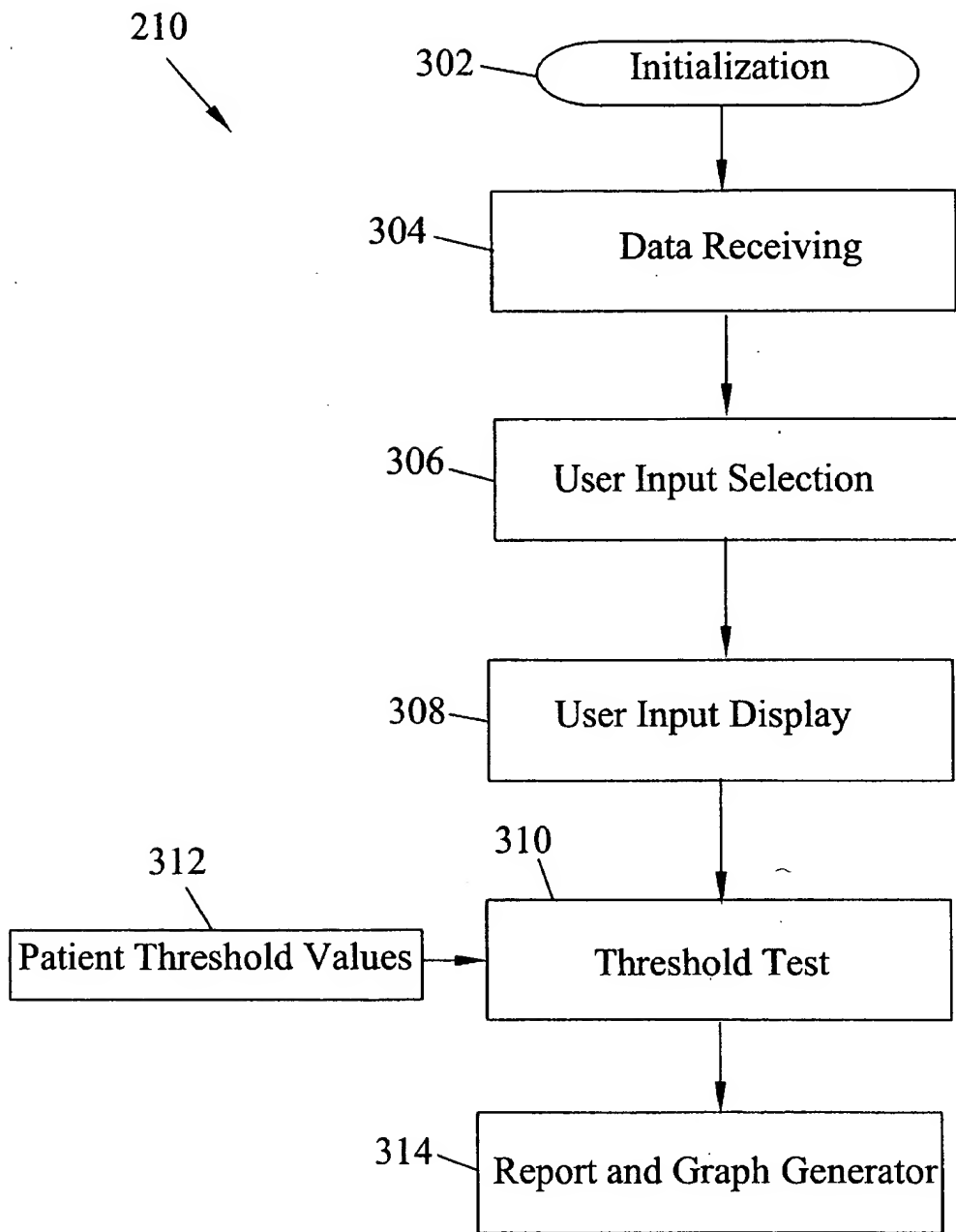


FIG.3

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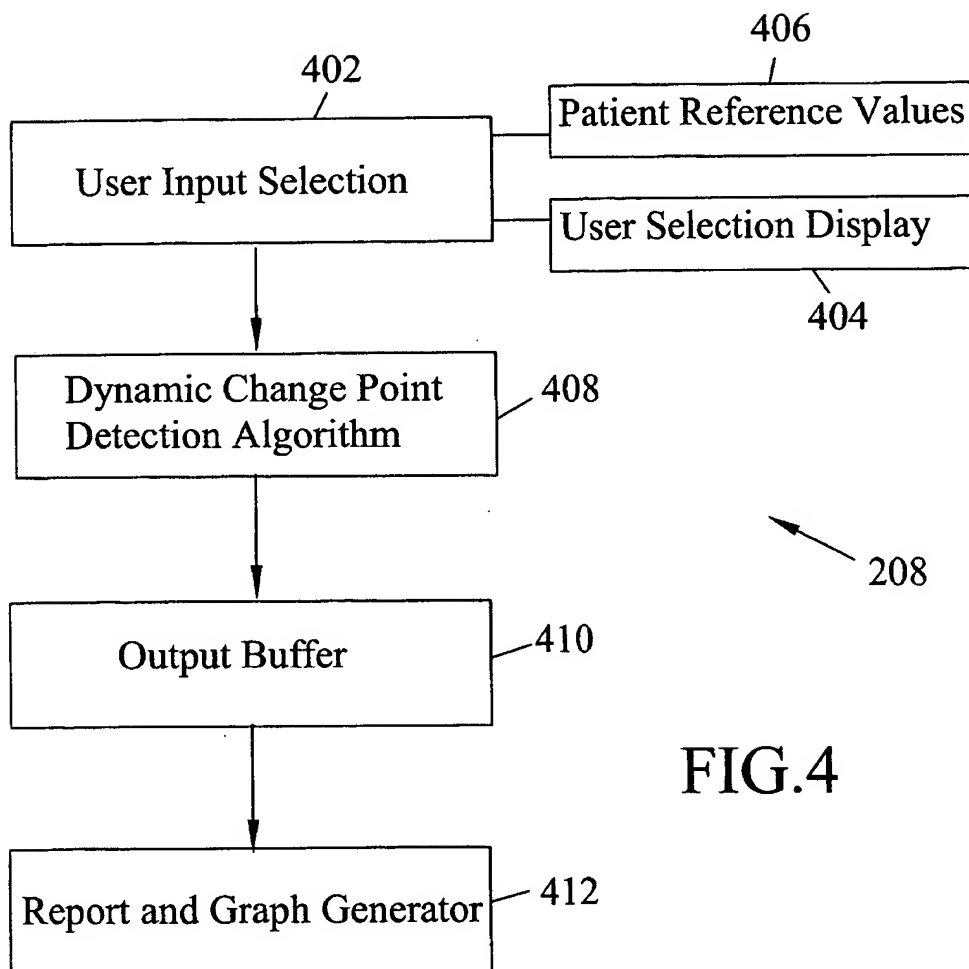


FIG. 4

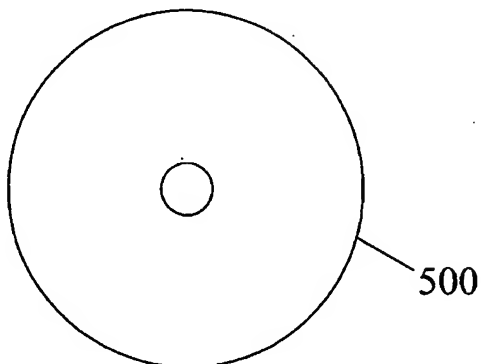


FIG. 5

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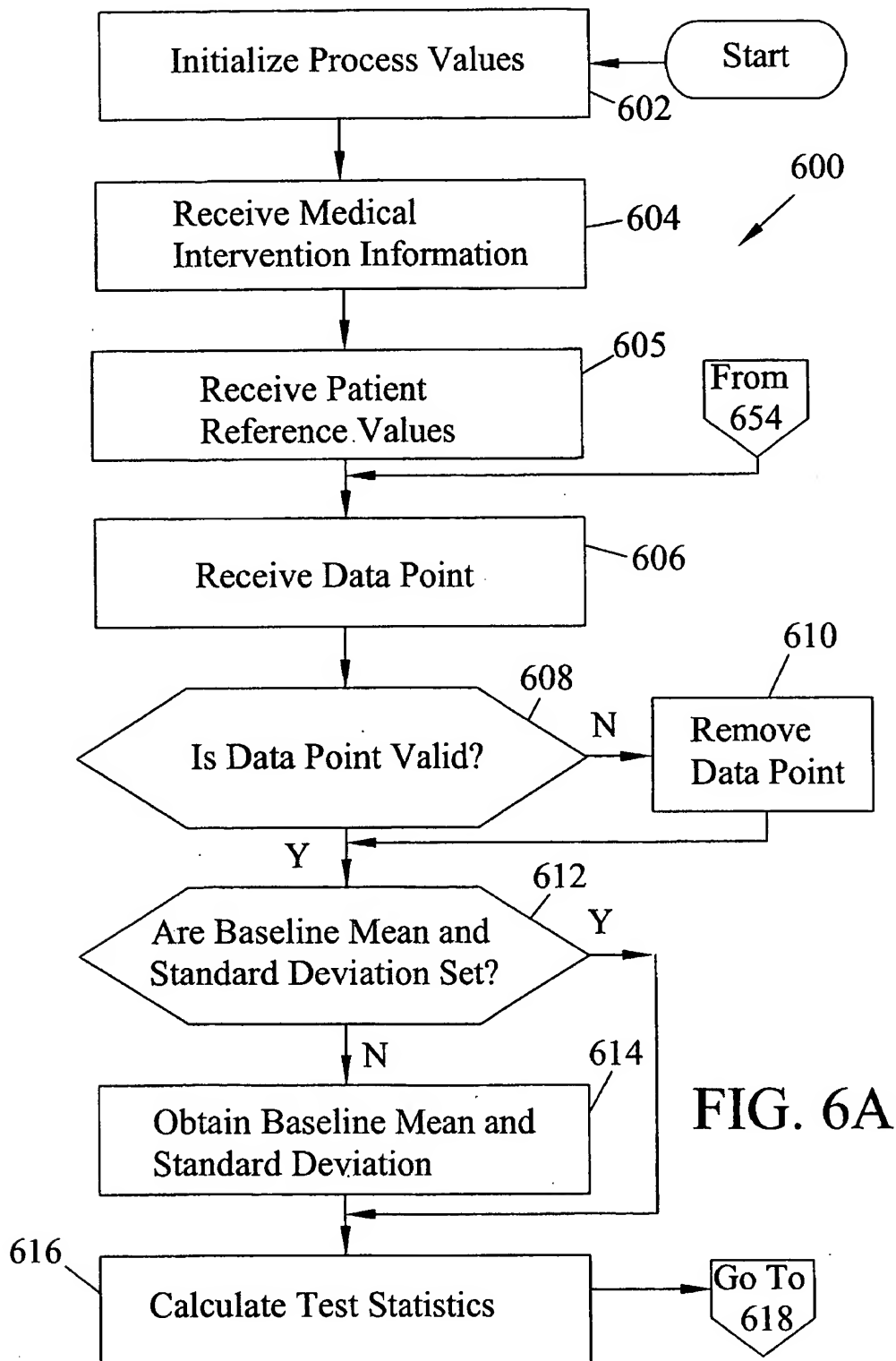


FIG. 6A

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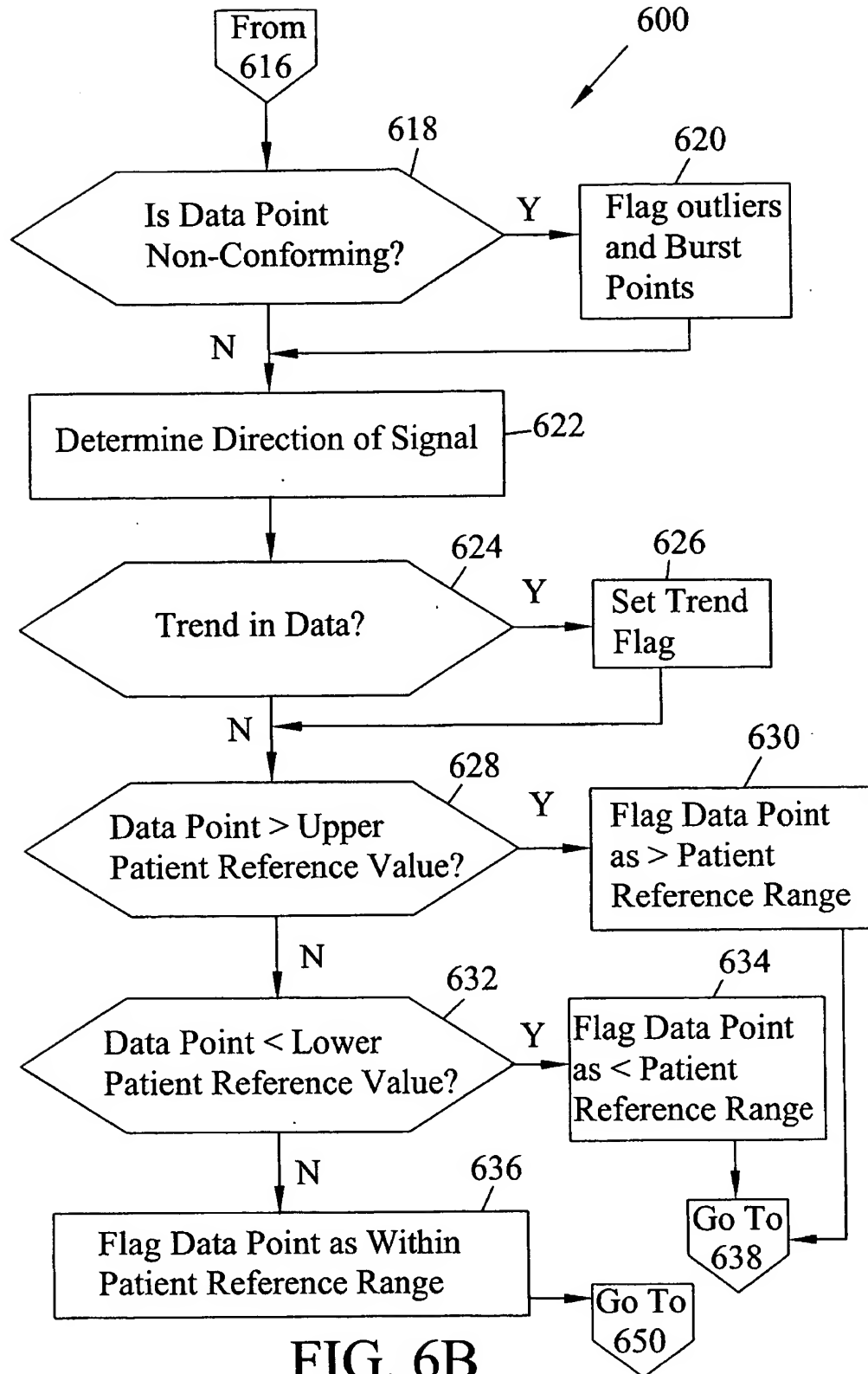
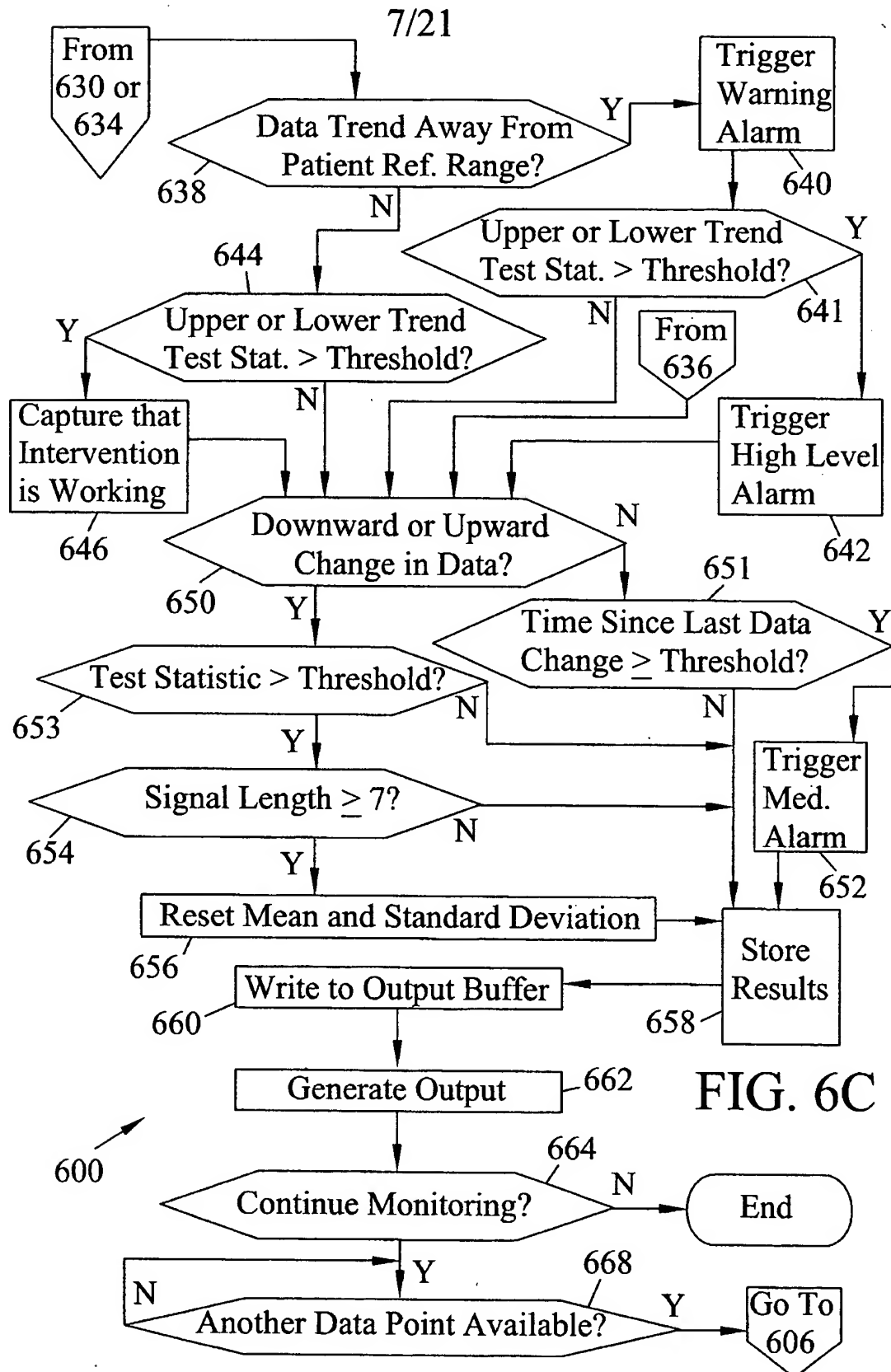


FIG. 6B



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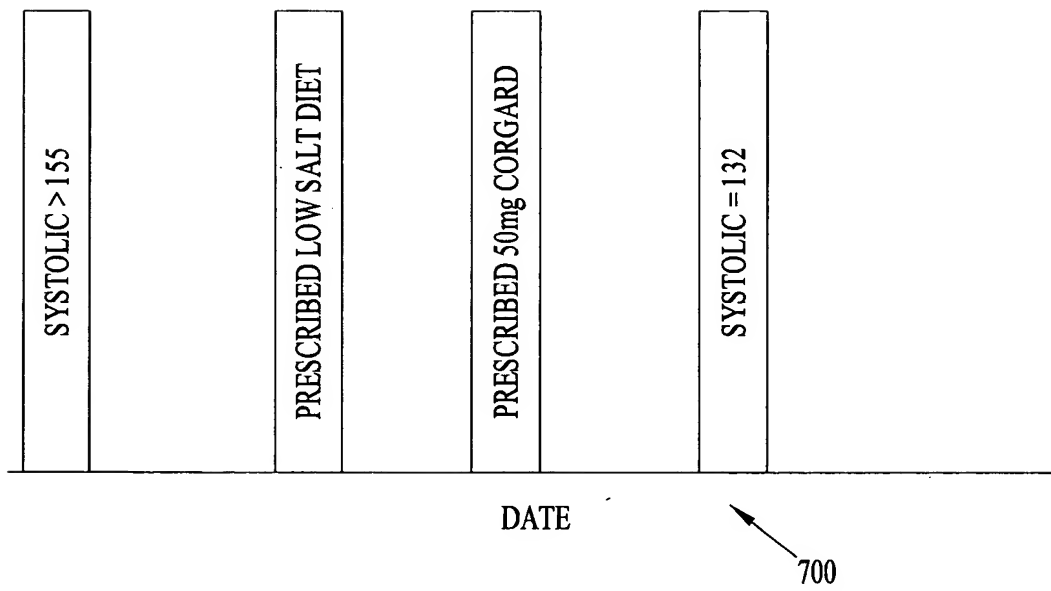


FIG. 7

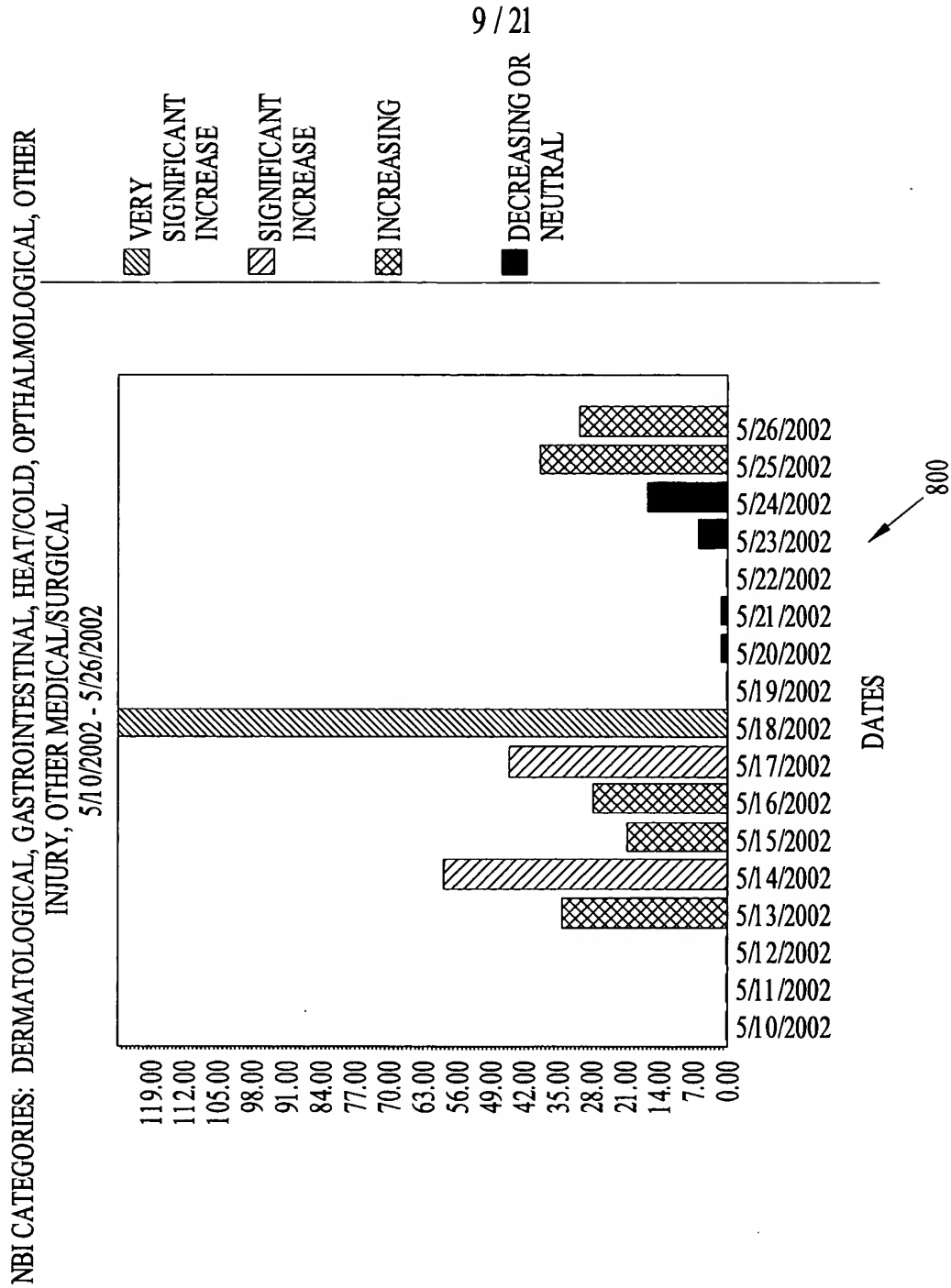



FIG. 8

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Full Staff Days:

Date	Daily Incidence	Mean	Std. Dev.	Trend Direction	Trend Length	Statistically Significant Event
2002-05-10	0	2.8571	8.8806			
2002-05-11	0	2.8571	8.8806			
2002-05-12	0	2.8571	8.8806			
2002-05-13	1	2.8571	8.8806	increasing	1	
2002-05-14	7	2.8571	8.8806	increasing	2	
2002-05-15	7	2.8571	8.8806	increasing	3	
2002-05-16	5	2.8571	8.8806	increasing	4	
2002-05-17	19	2.8571	8.8806	increasing	5	
2002-05-18	86	2.8571	8.8806	increasing	6	positive burst
2002-05-19	0	2.8571	8.8806	increasing		positive trend
2002-05-20	0	2.8571	8.8806	increasing		
2002-05-21	0	2.8571	8.8806	increasing		
2002-05-22	0	2.8571	8.8806			
2002-05-23	0	2.8571	8.8806			
2002-05-24	0	2.8571	8.8806			
2002-05-25	0	2.8571	8.8806			
2002-05-26	0	2.8571	8.8806			

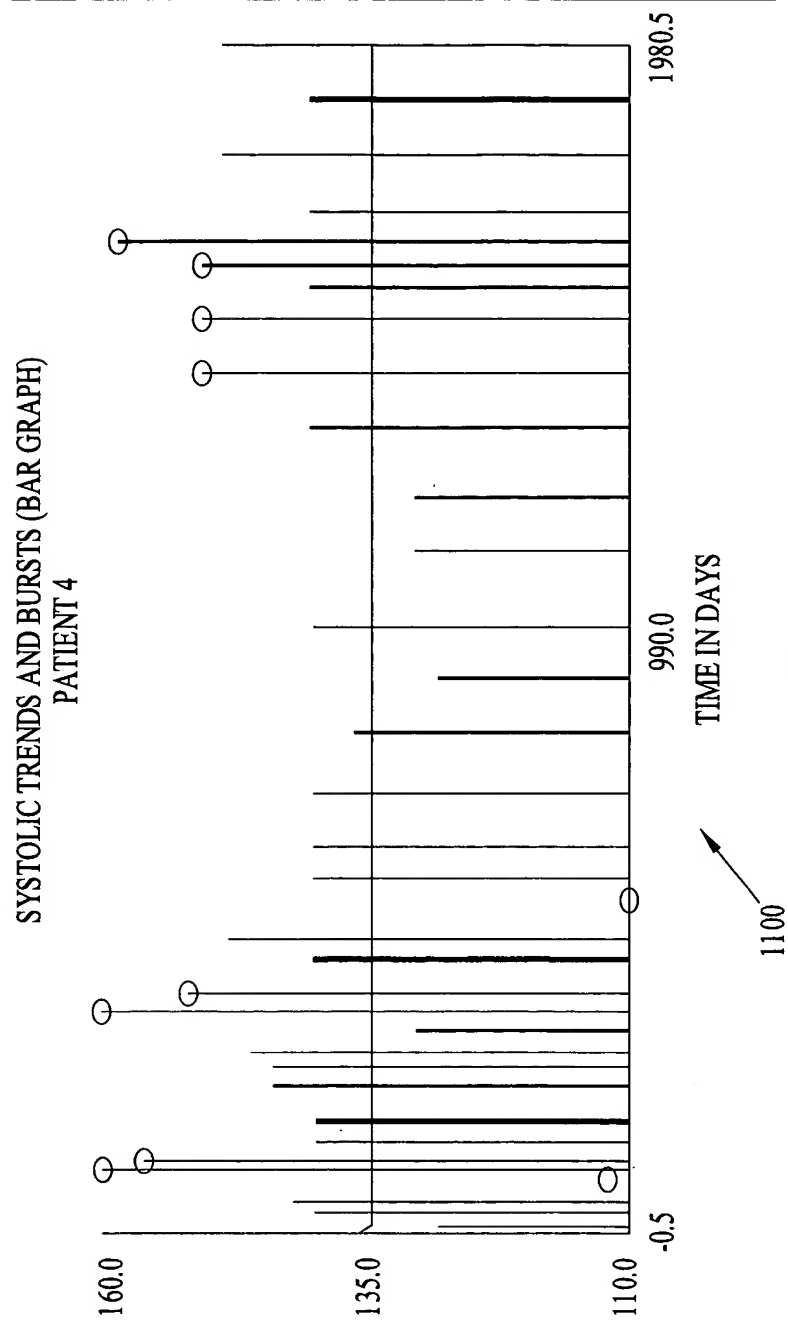
FIG. 9

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SHEWHART CUSUM, SYSTOLIC, PATIENT 4							SIGNAL SHIFT PREDICTED CONFIDENCE INTERVAL					
TIME	INPUT	NORMAL	SD	Z	SL(I)	SH(I)	INDICATOR	EVENT	LENGTH	X	LOWER	UPPER
0.	136.00	134.6667	6.1101	0.19	0.00	0.00			0	0.00		
14.	128.00	134.6667	6.1101	-0.94	0.08	0.00	-		1	-4.00		
35.	140.00	134.6667	6.1101	0.76	0.00	0.26	+		1	5.33	140.00	127.78 152.22
56.	142.00	134.6667	6.1101	1.04	0.00	0.80	+		2	6.33	141.00	128.78 153.22
98.	112.00	134.6667	6.1101	-3.21	2.71	0.00	-	negative burst	1	-22.67	112.00	99.78 124.22
112.	160.00	134.6667	6.1101	3.59	0.00	3.09	+	positive burst	1	25.33	160.00	147.78 172.22
126.	156.00	134.6667	6.1101	3.02	0.00	5.61	+	positive burst	2	23.33	158.00	145.78 170.22
154.	140.00	134.6667	6.1101	0.76	0.00	5.87	+	positive trend	3	17.33	152.00	139.78 164.22
189.	140.00	134.6667	6.1101	0.76	0.00	6.13	+		4	14.24	148.91	136.69 161.13
245.	144.00	134.6667	6.1101	1.32	0.00	6.95	+		5	13.36	148.03	135.81 160.25
280.	144.00	134.6667	6.1101	1.32	0.00	7.77	+		6	13.25	147.92	135.70 160.14
301.	146.00	134.6667	6.1101	1.61	0.00	8.88	+		7	13.22	147.89	135.67 160.11
336.	130.00	134.6667	6.1101	-0.66	0.16	7.72	+		8	11.86	146.53	134.31 158.75
371.	160.00	134.6667	6.1101	3.59	0.00	10.81	+	positive burst	9	12.39	147.06	134.83 159.28
399.	152.00	134.6667	6.1101	2.46	0.00	12.76	+	positive outlier	10	13.02	147.69	135.47 159.91
455.	140.00	134.6667	6.1101	0.76	0.00	13.02	+		11	13.30	147.97	135.75 160.19
490.	148.00	134.6667	6.1101	1.89	0.00	14.41	+		12	13.31	147.98	135.76 160.20
553.	110.00	134.6667	6.1101	-3.50	3.00	10.41	+	negative burst	12	16.81	151.48	139.26 163.70
595.	140.00	134.6667	6.1101	0.76	0.00	10.67	+		13	11.73	146.39	134.17 158.61

FIG. 10

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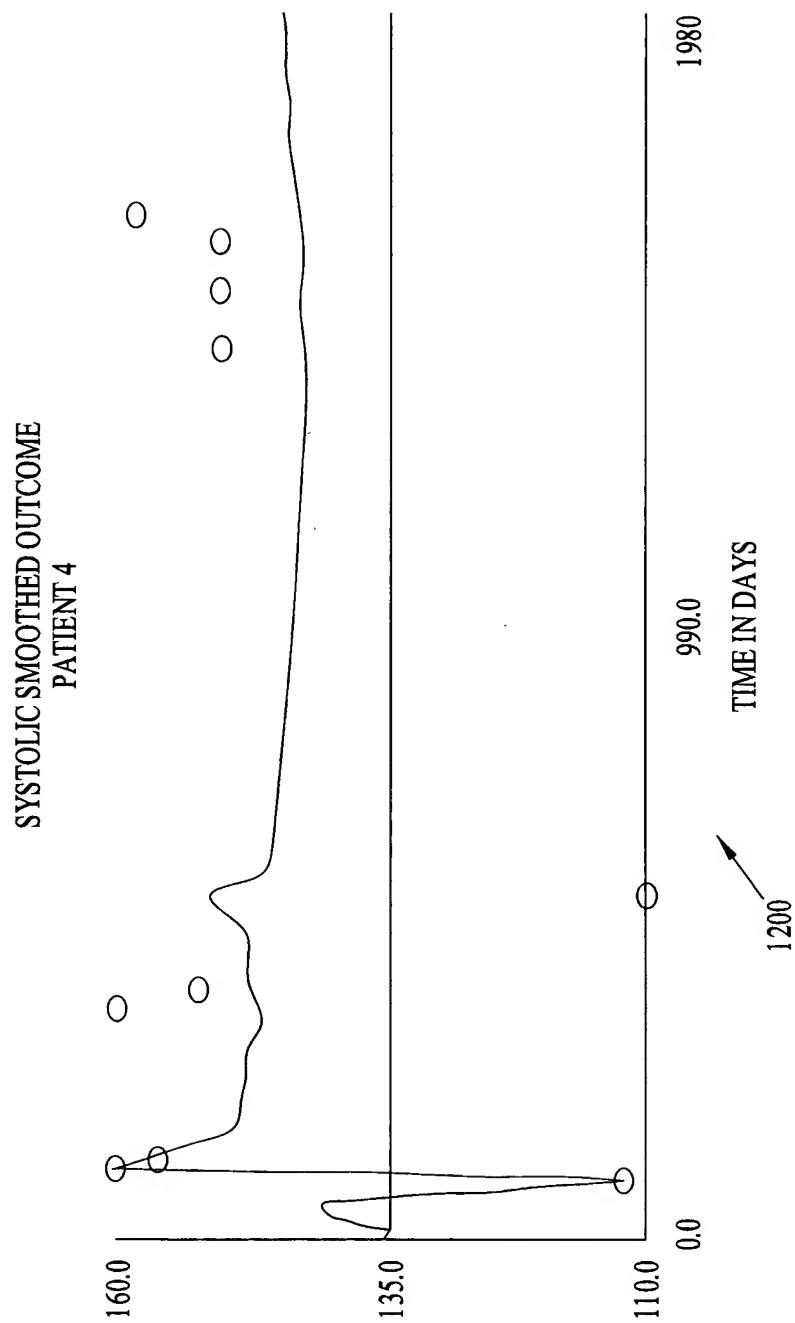


FIG. 12

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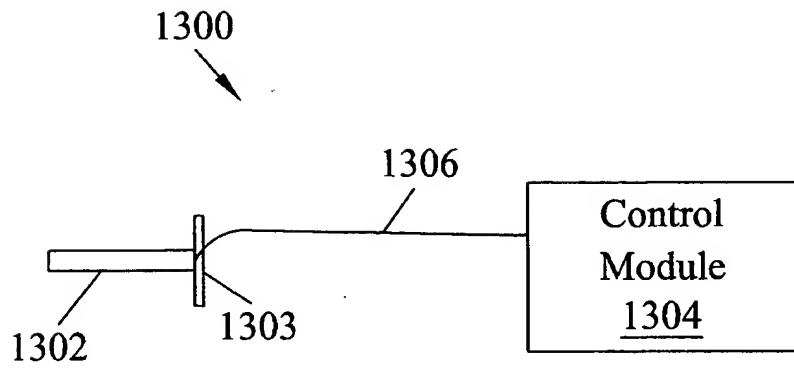


FIG.13

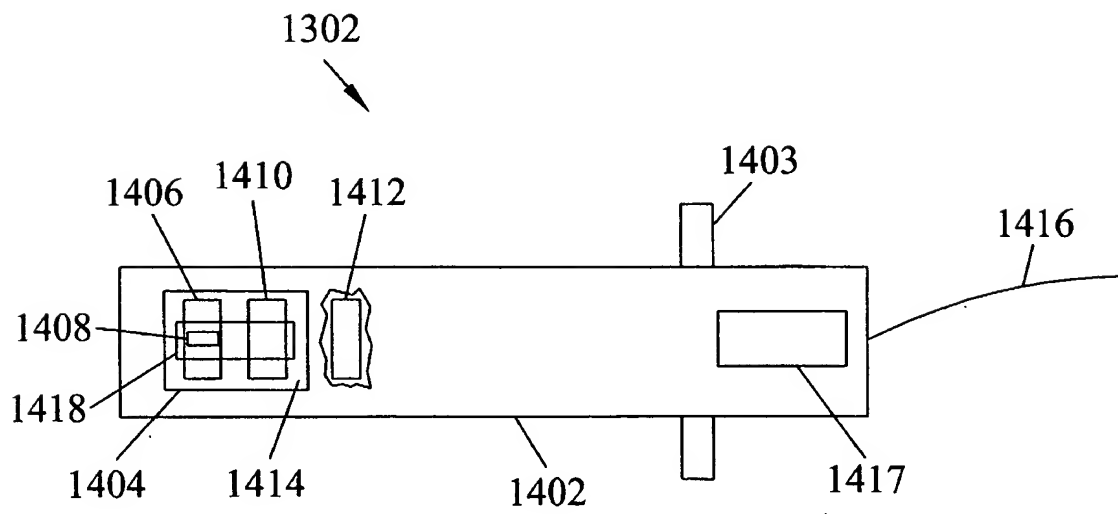


FIG.14

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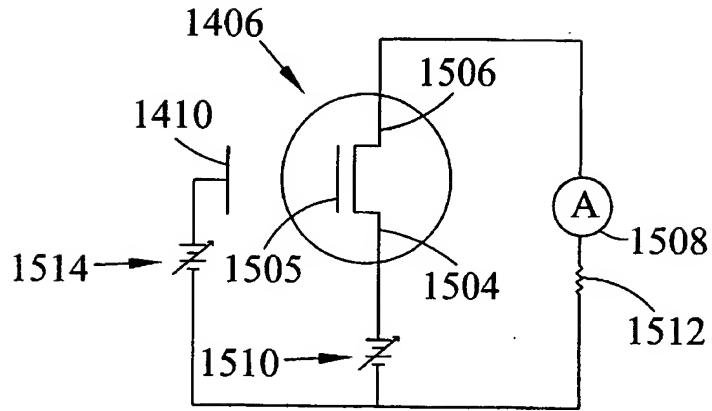


FIG.15

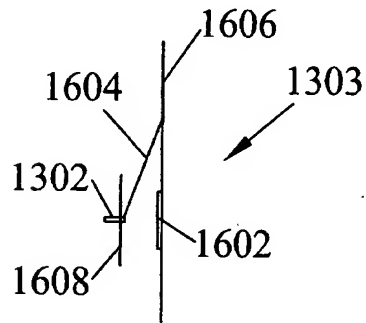


FIG.16

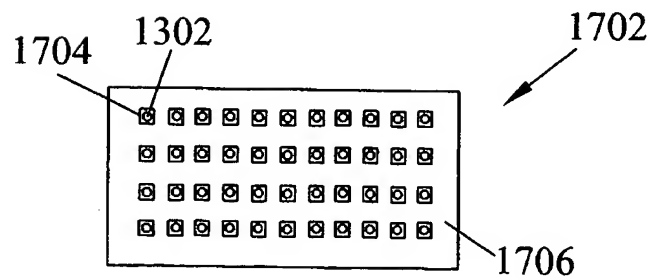


FIG.17

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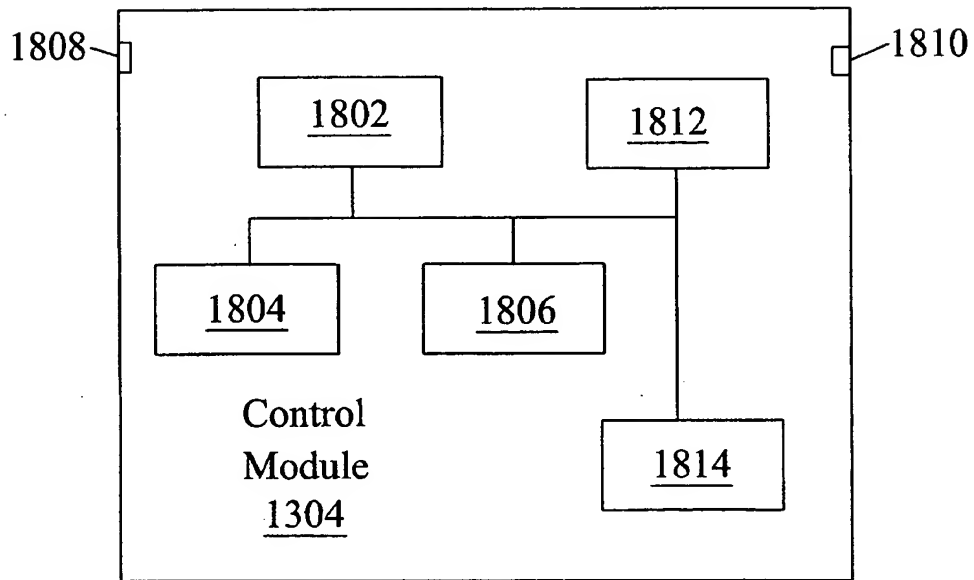


FIG.18

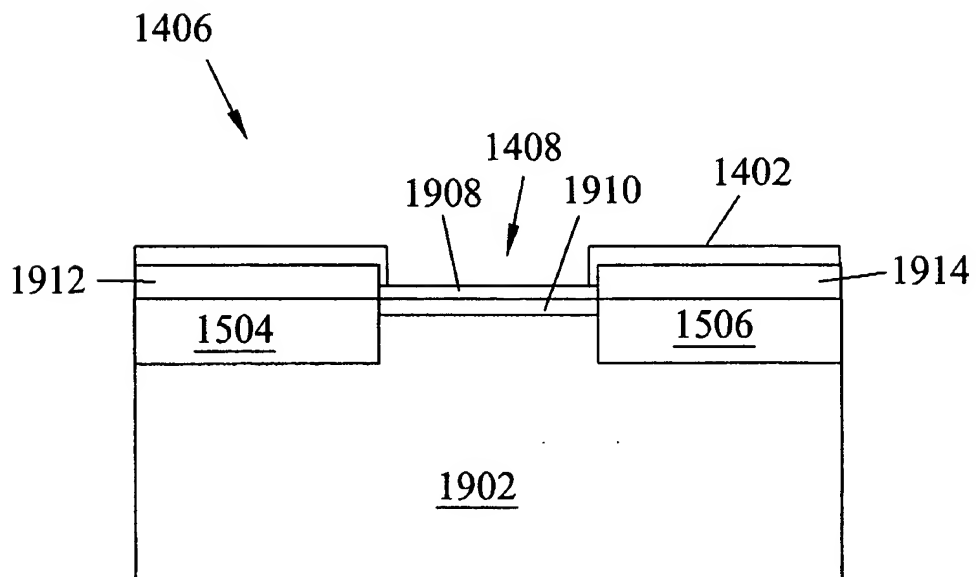


FIG.19

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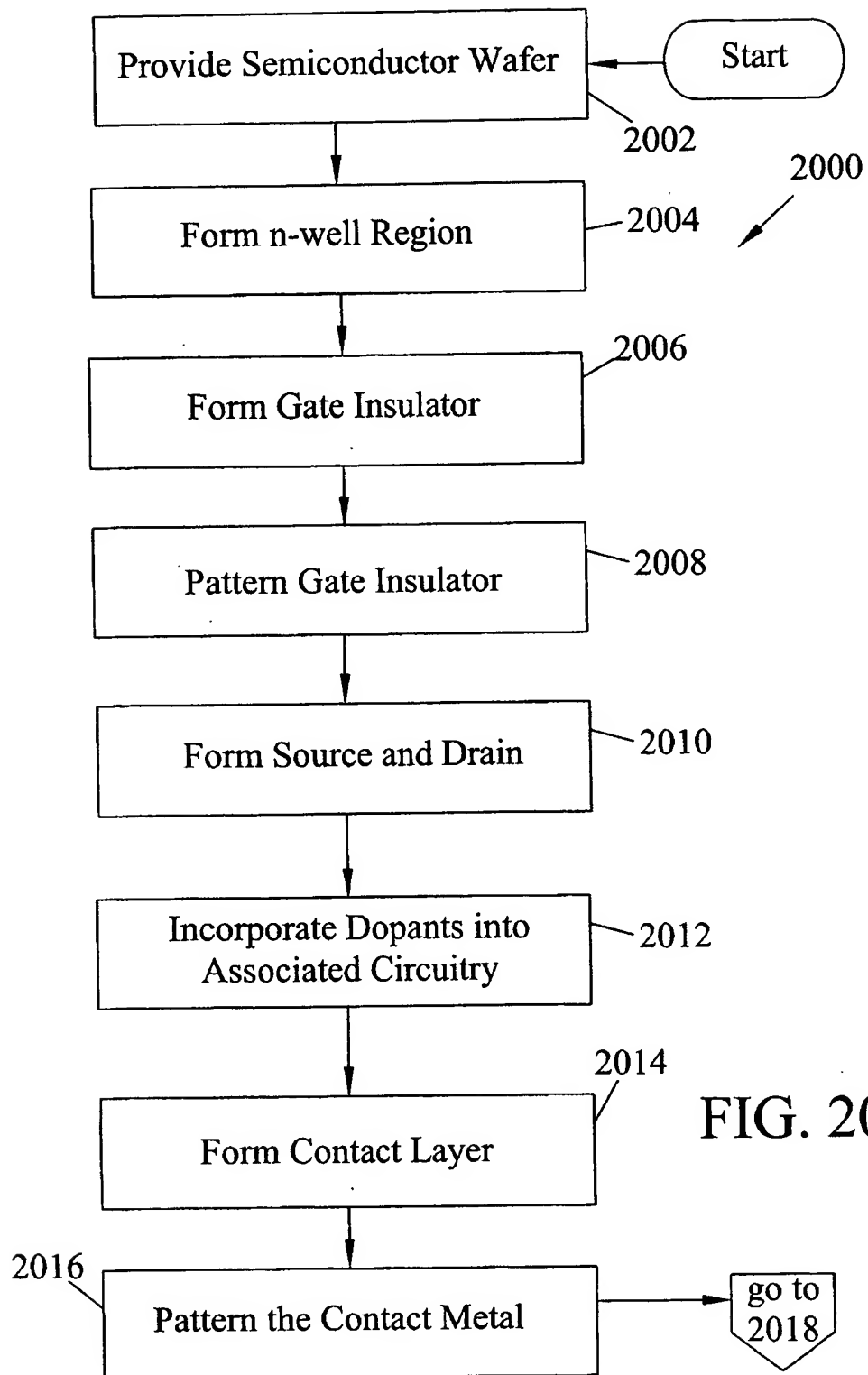
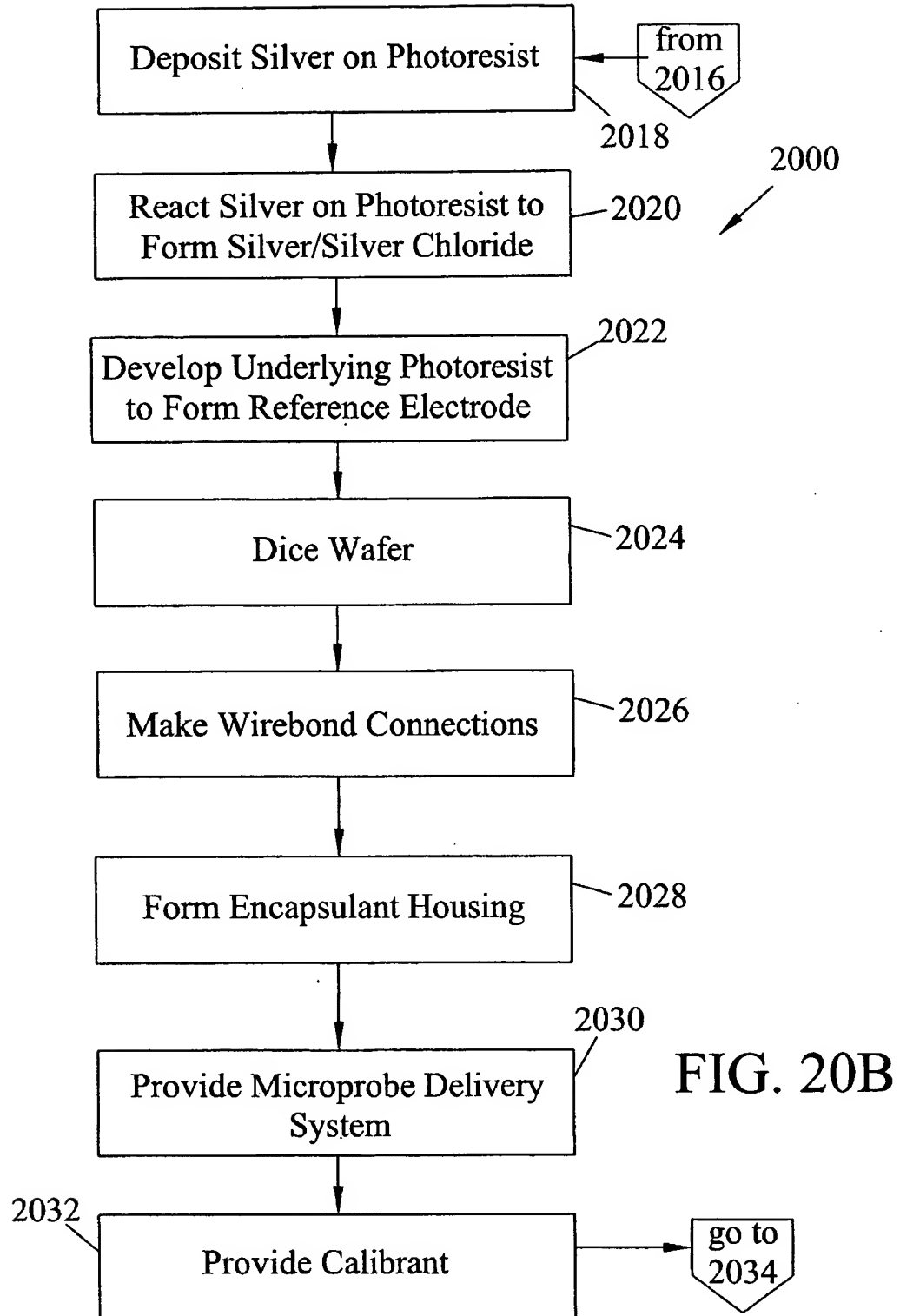


FIG. 20A

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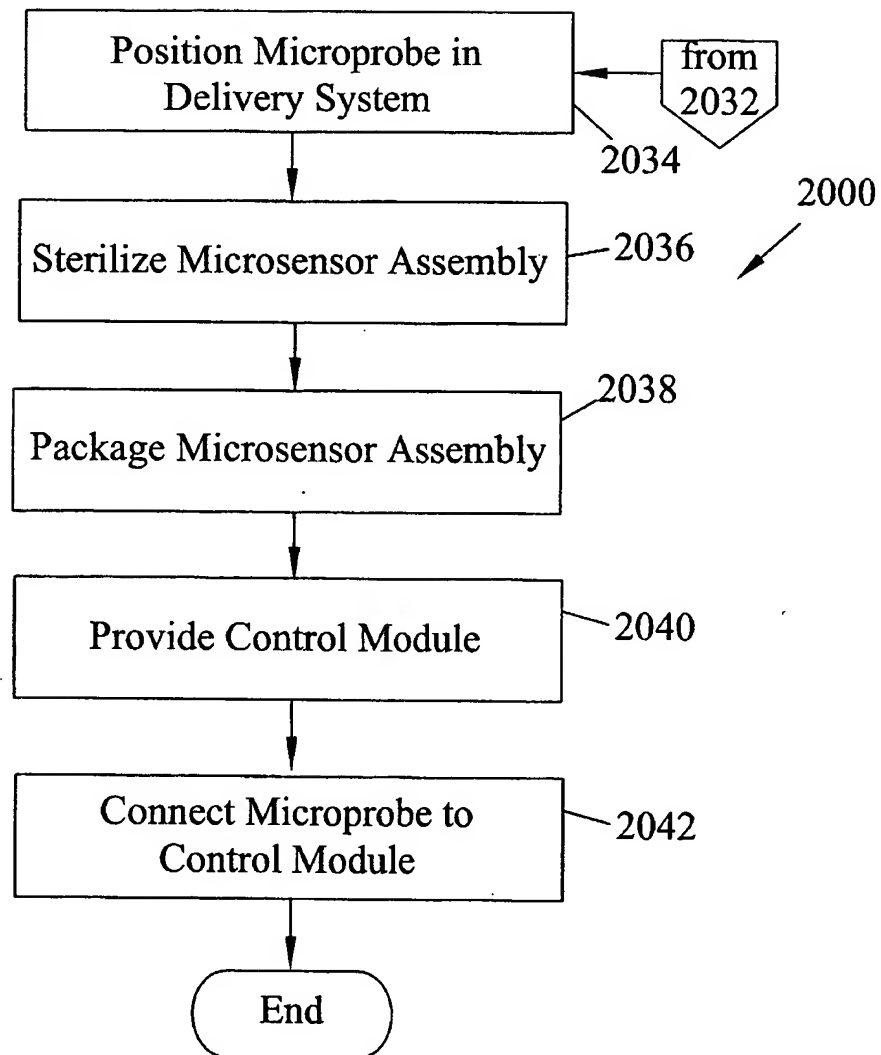


FIG. 20C

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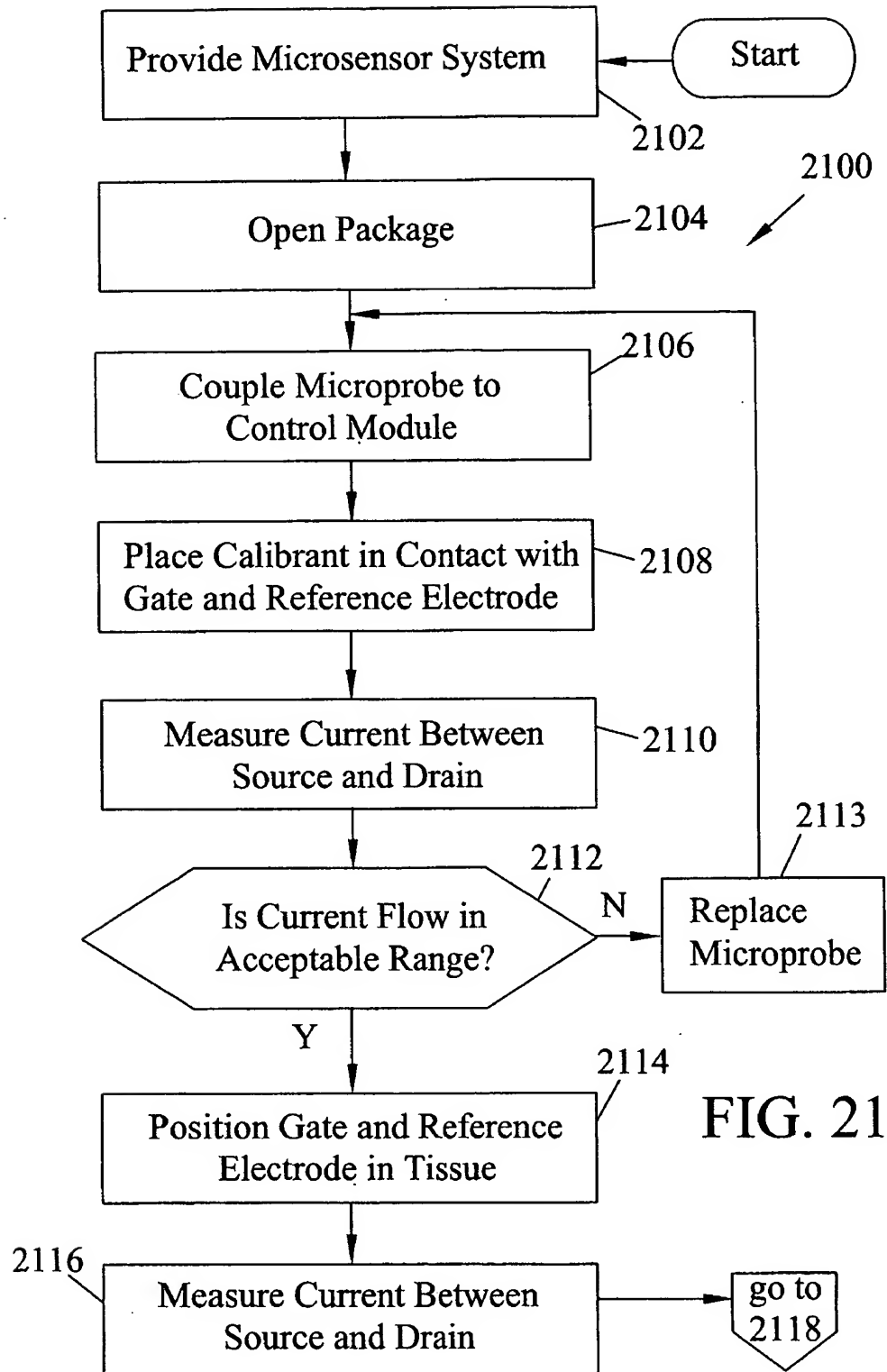


FIG. 21A

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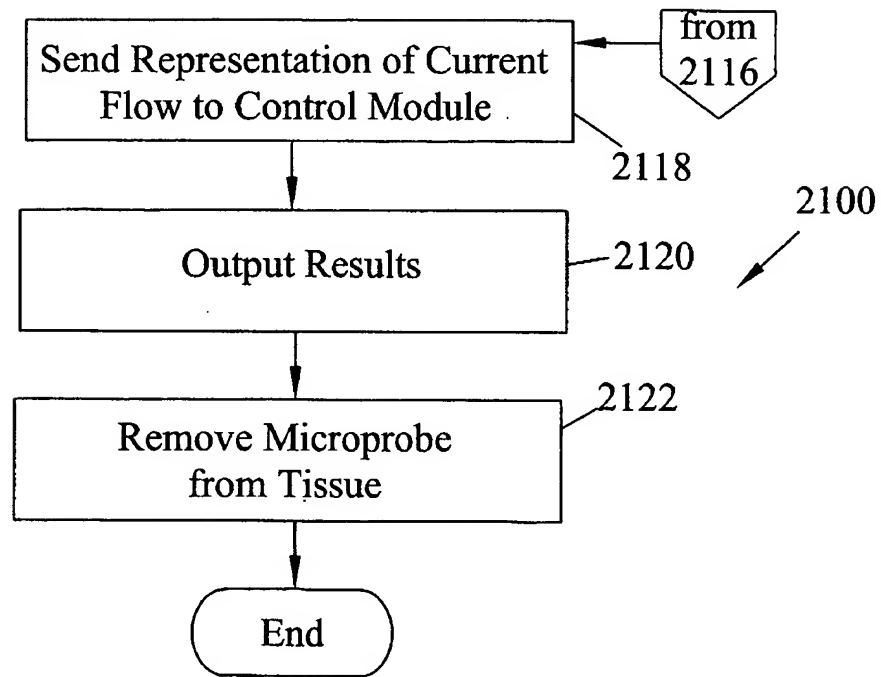


FIG. 21B